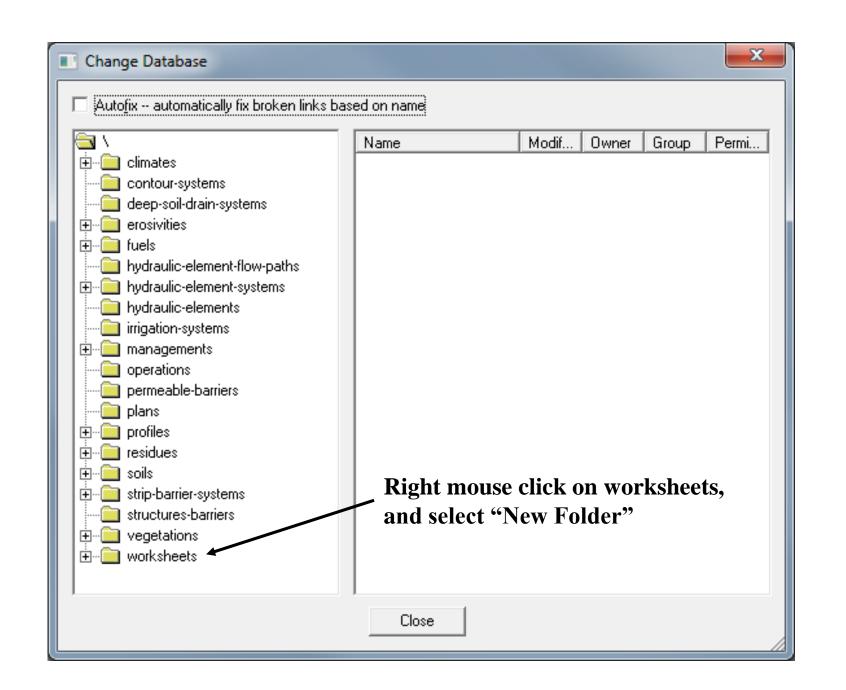
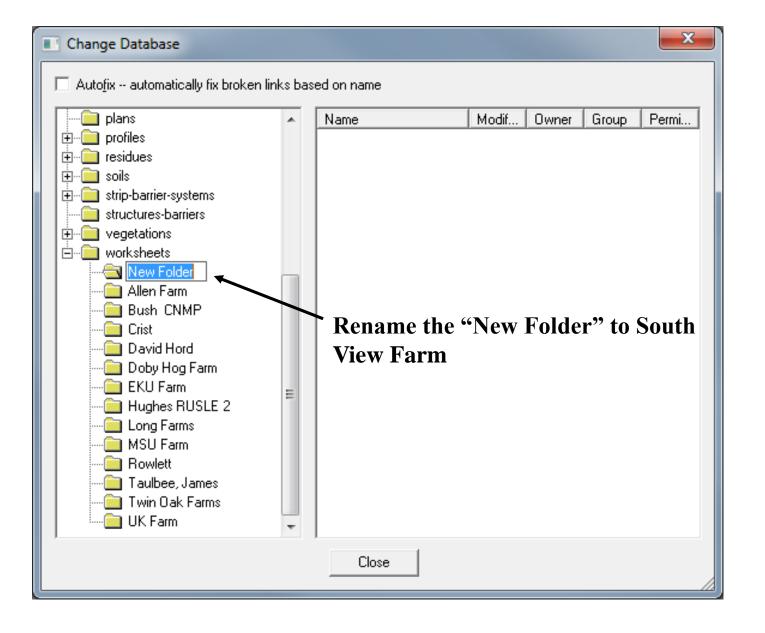
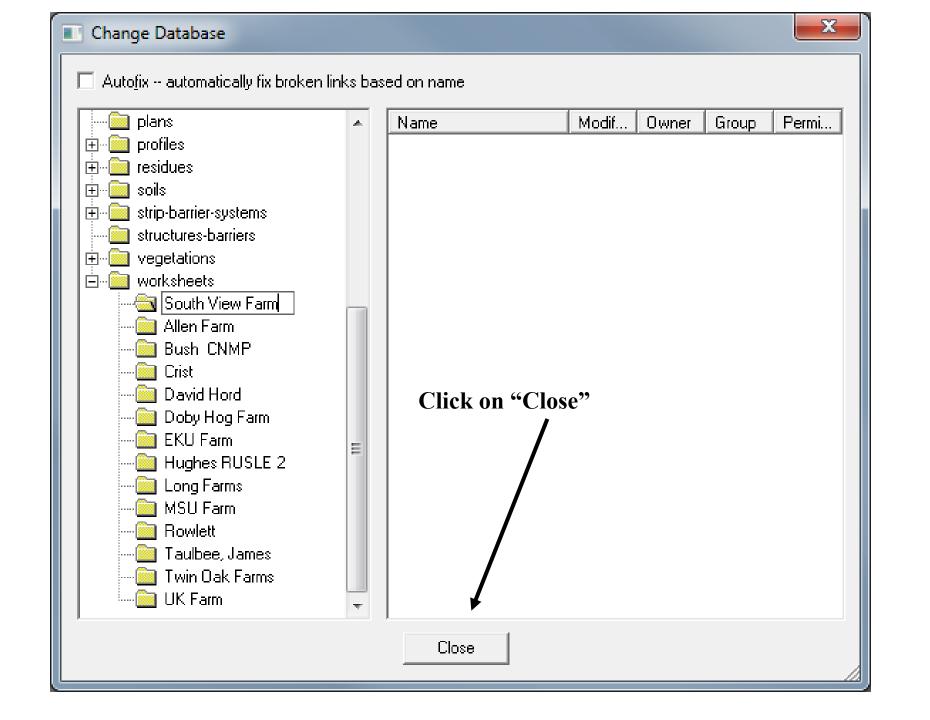
RUSLE2 Worksheet Manual for the August 18, 2014 version (Version

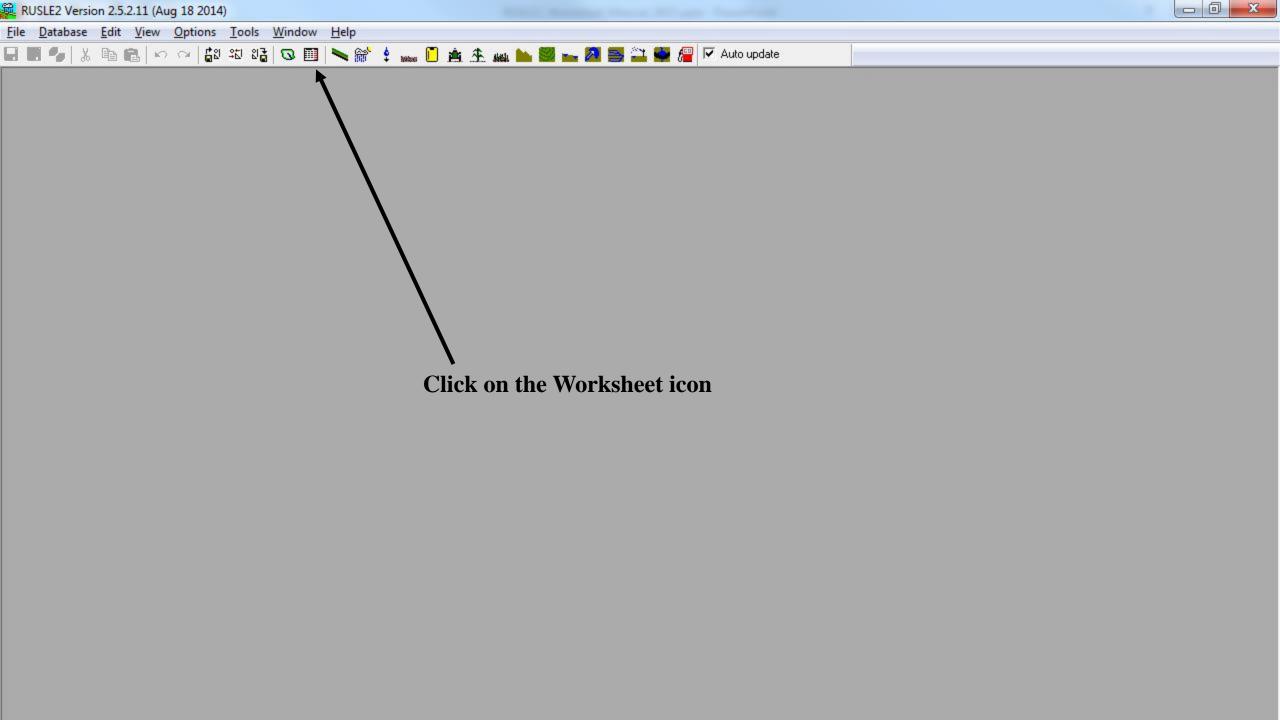


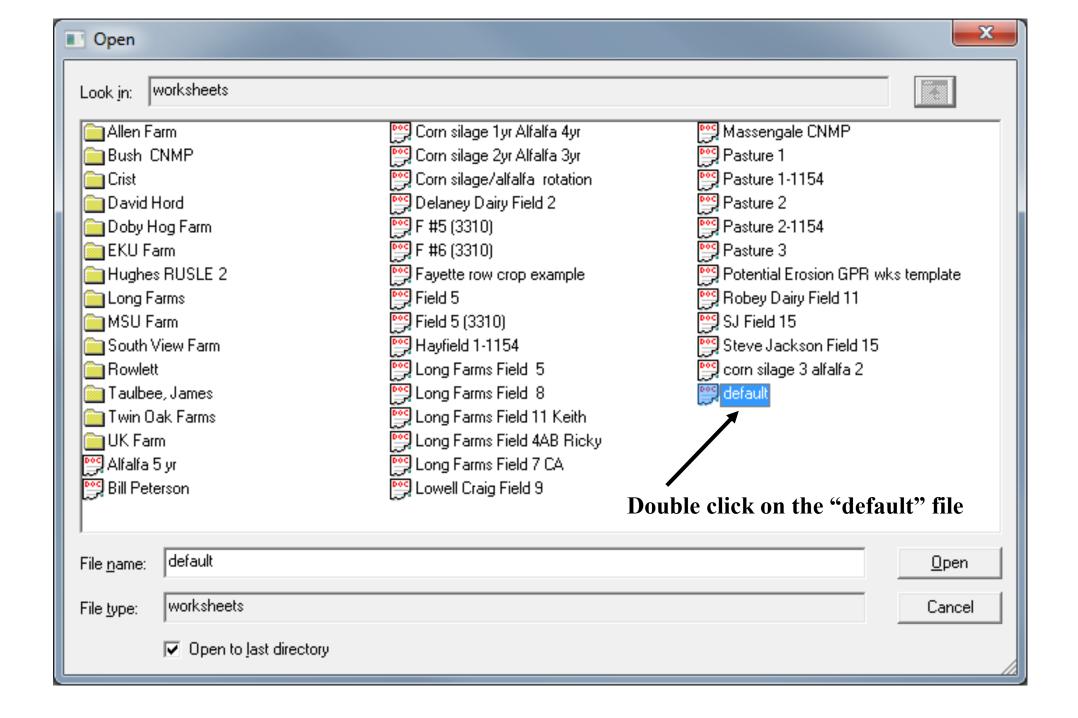


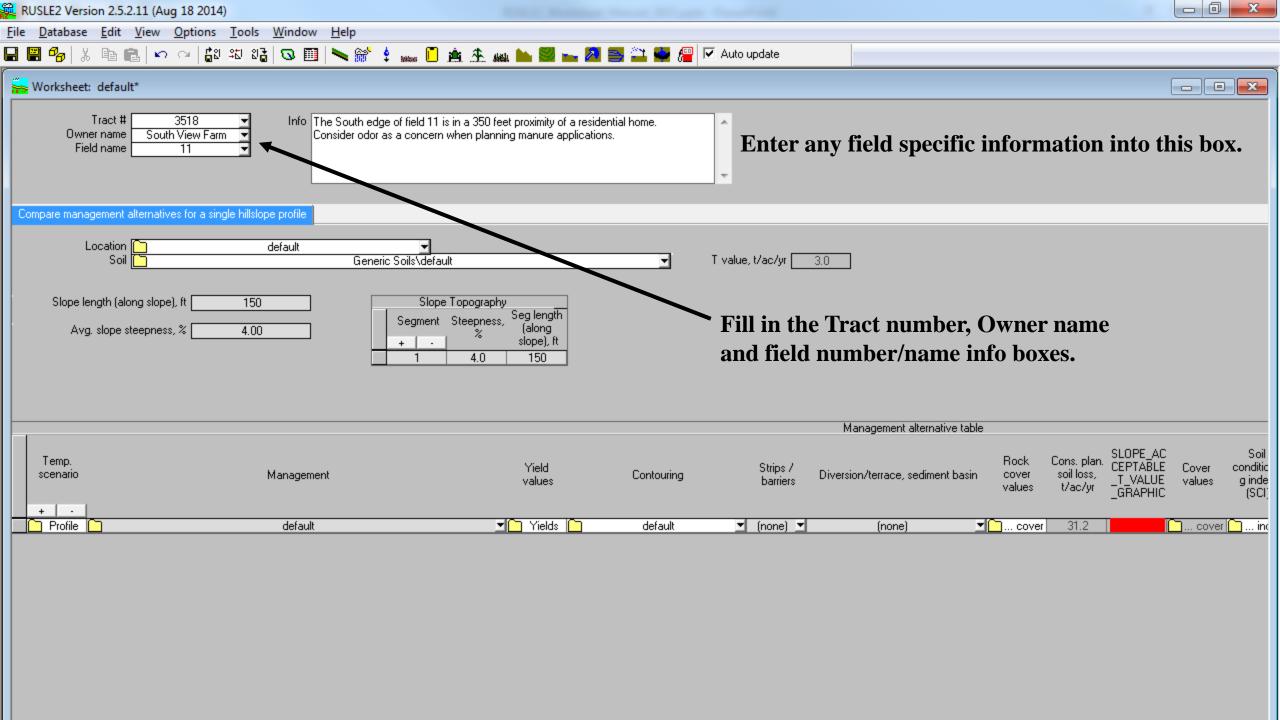


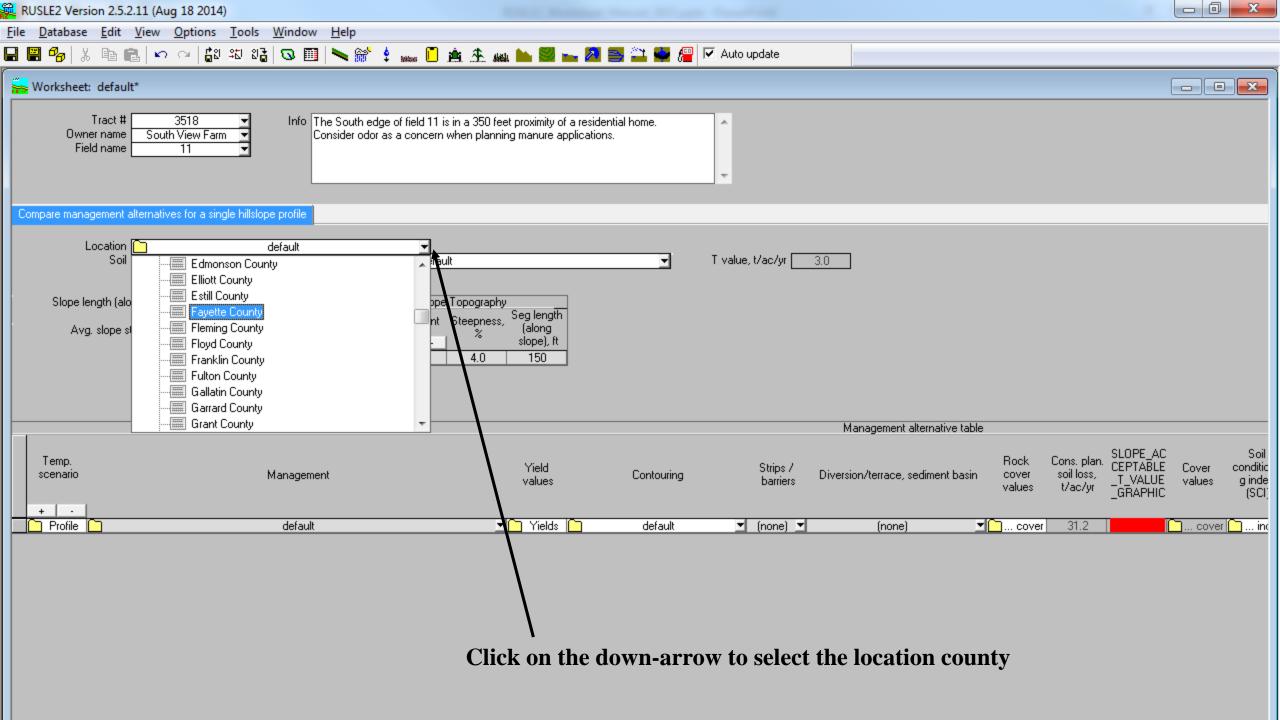


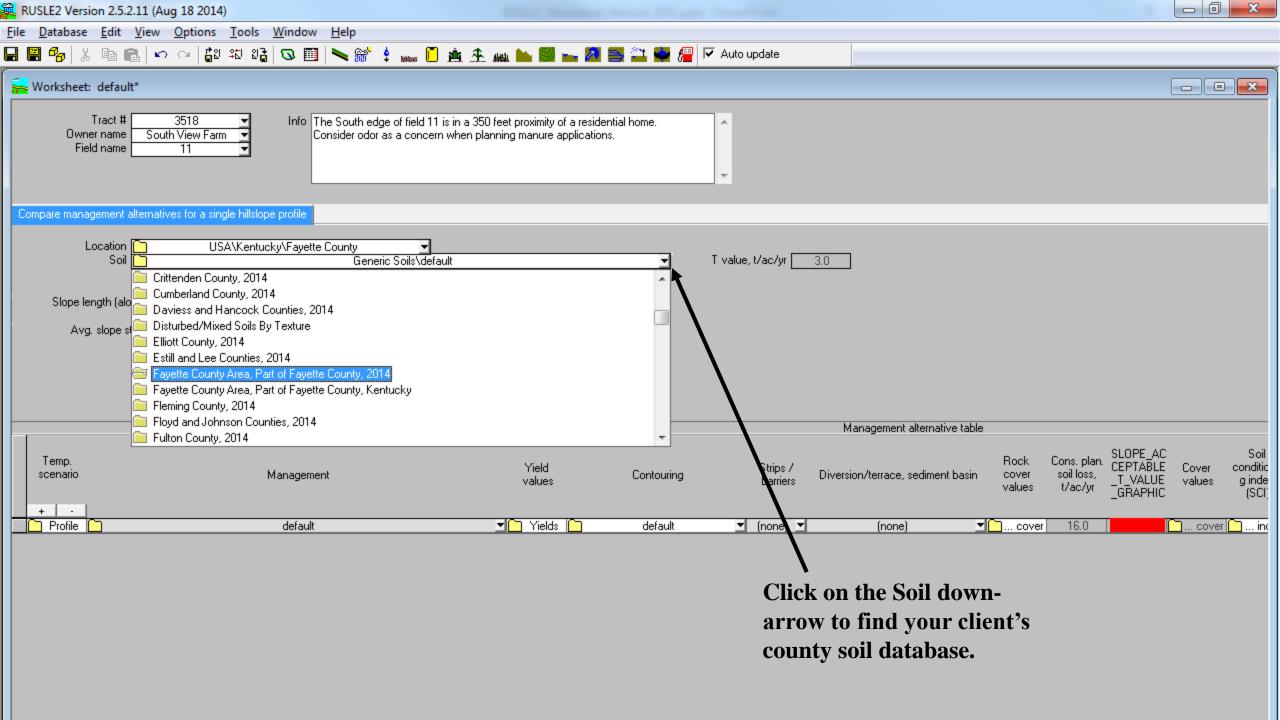


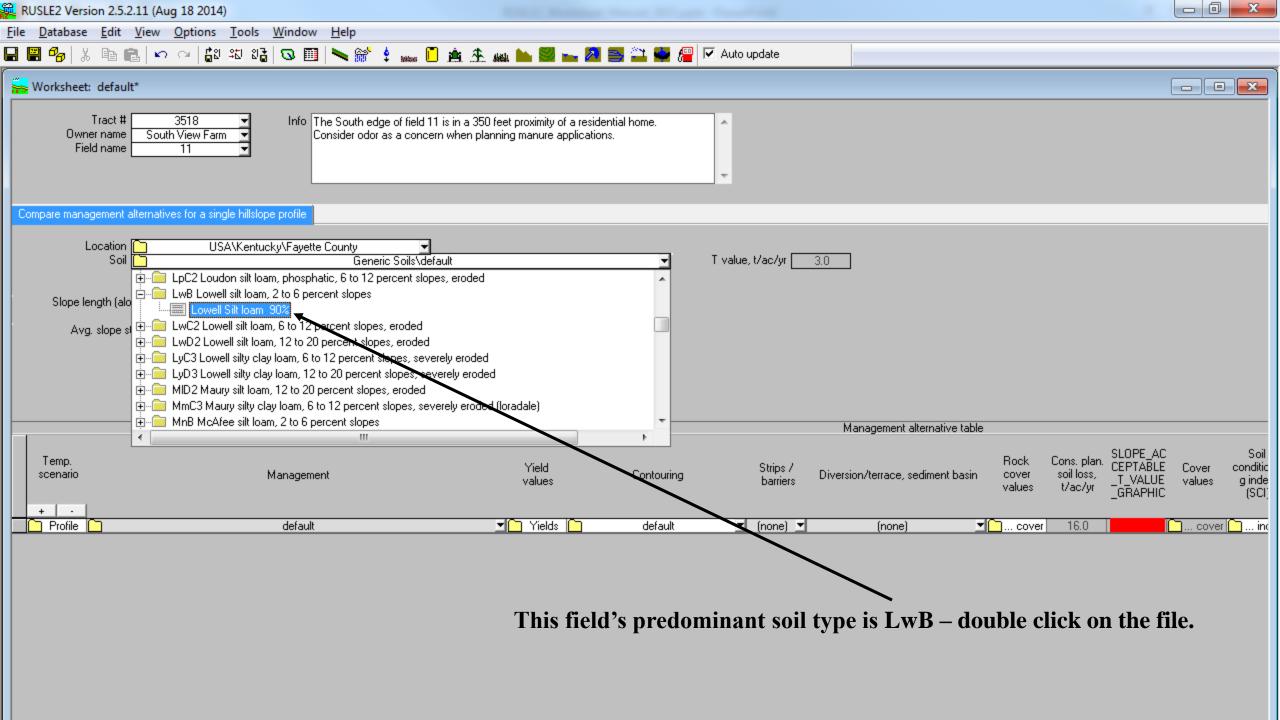


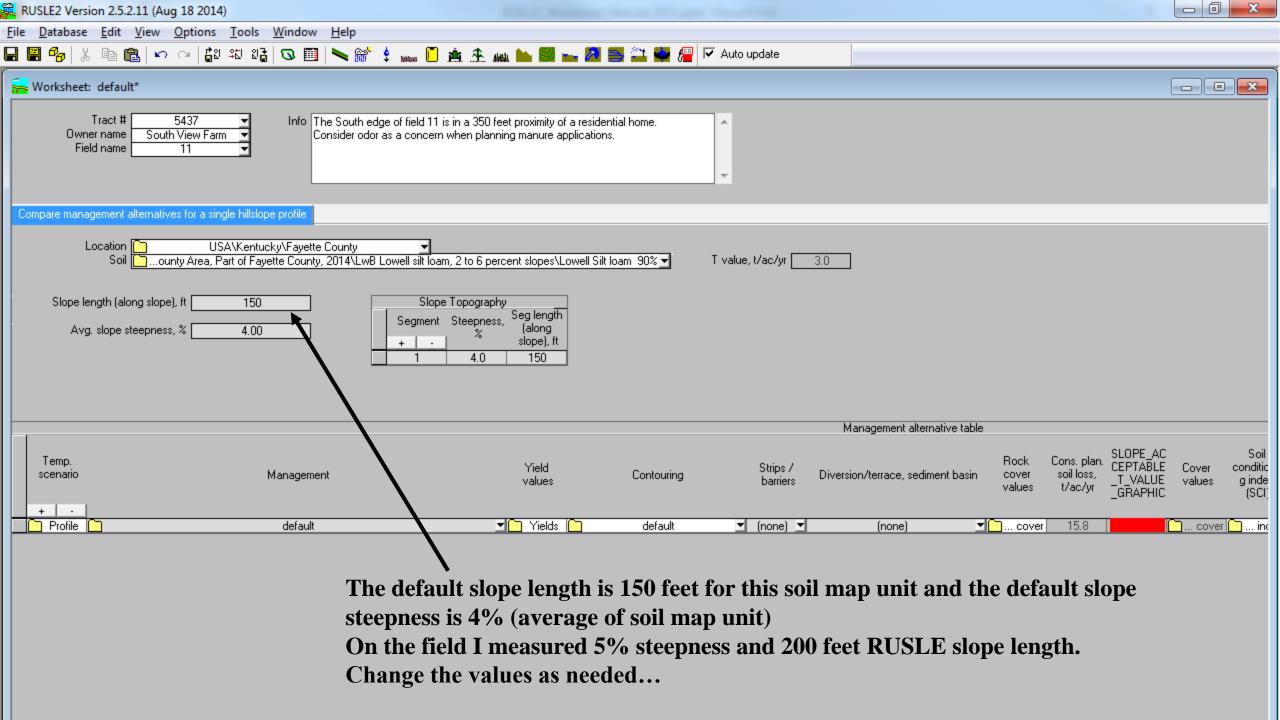








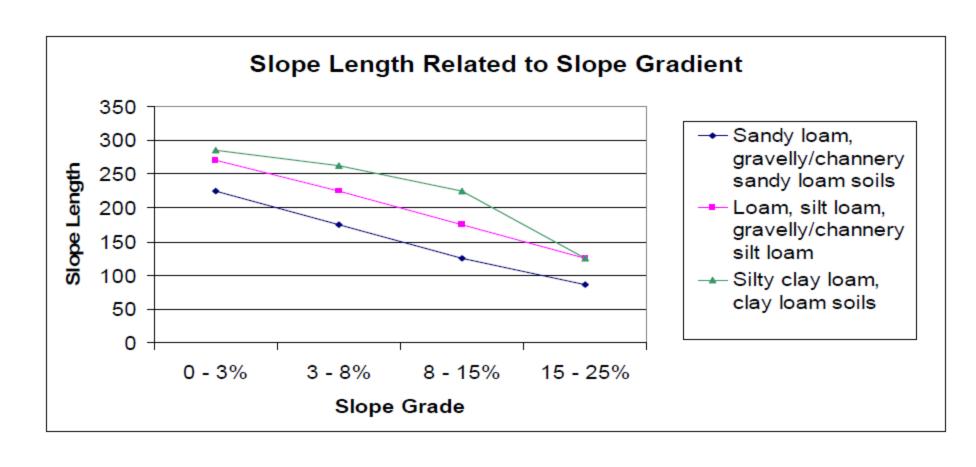


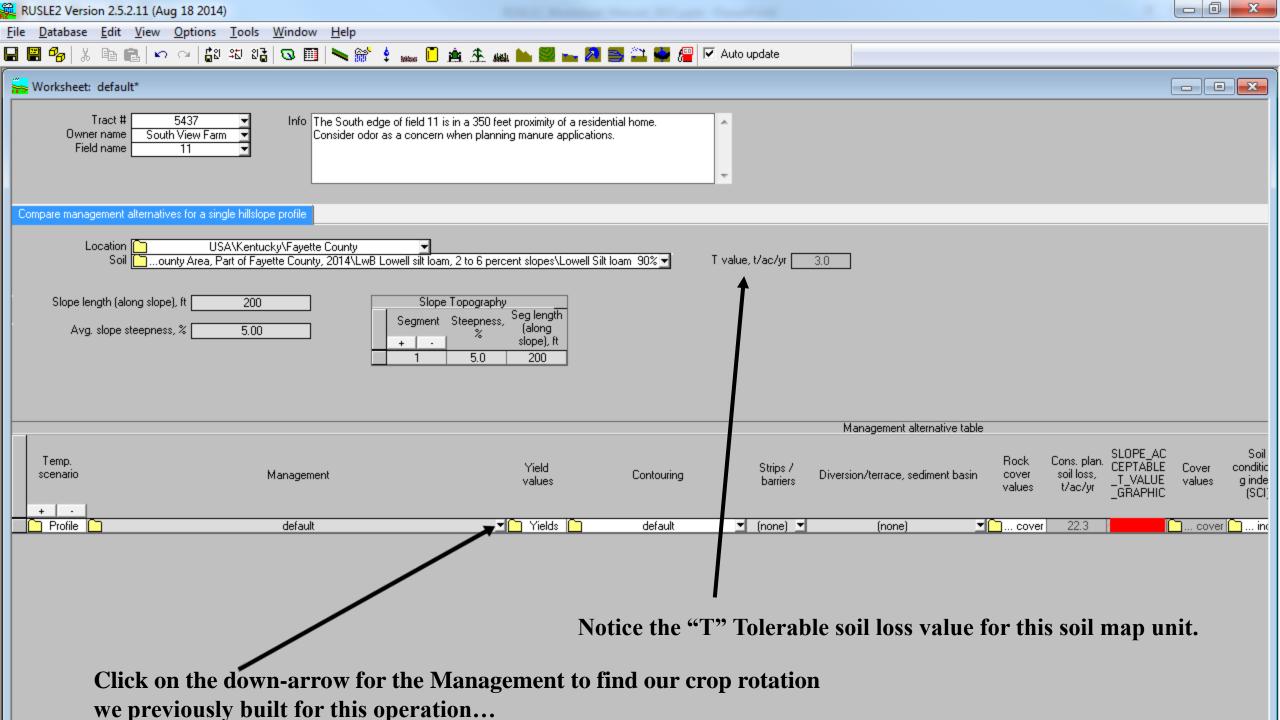


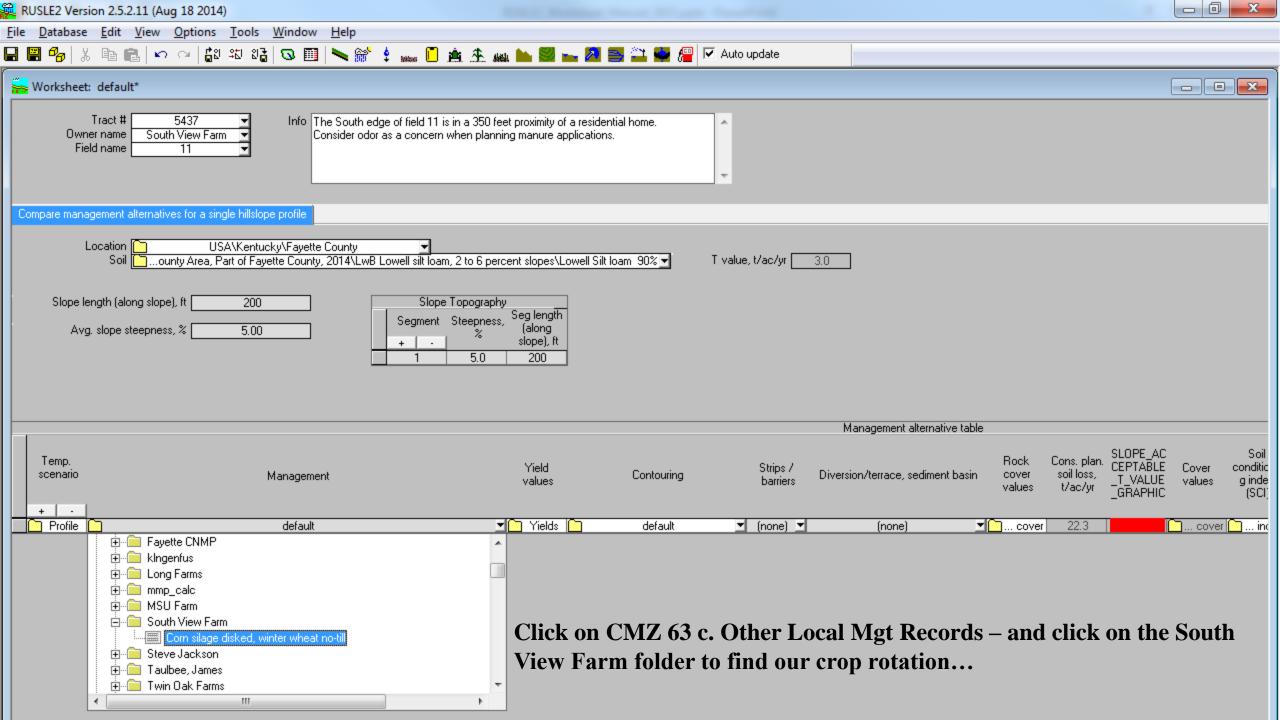
Guidance for determining RUSLE2 slope length during the field visit

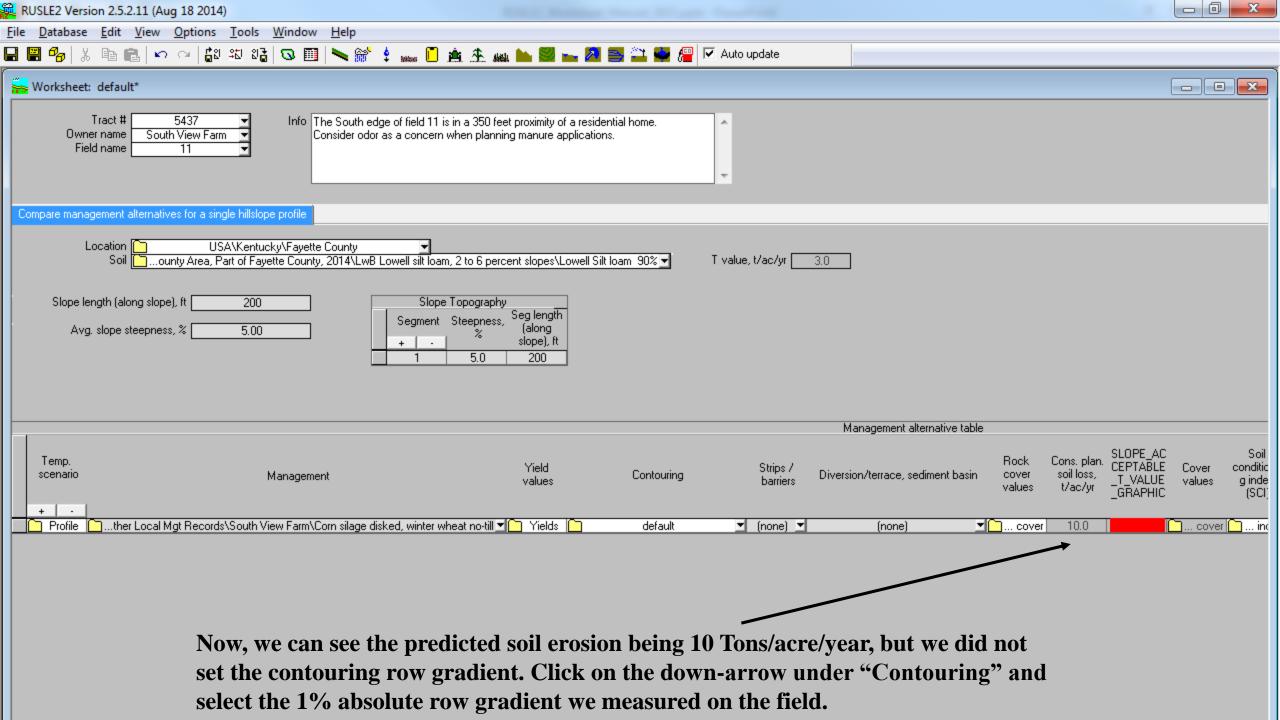
69

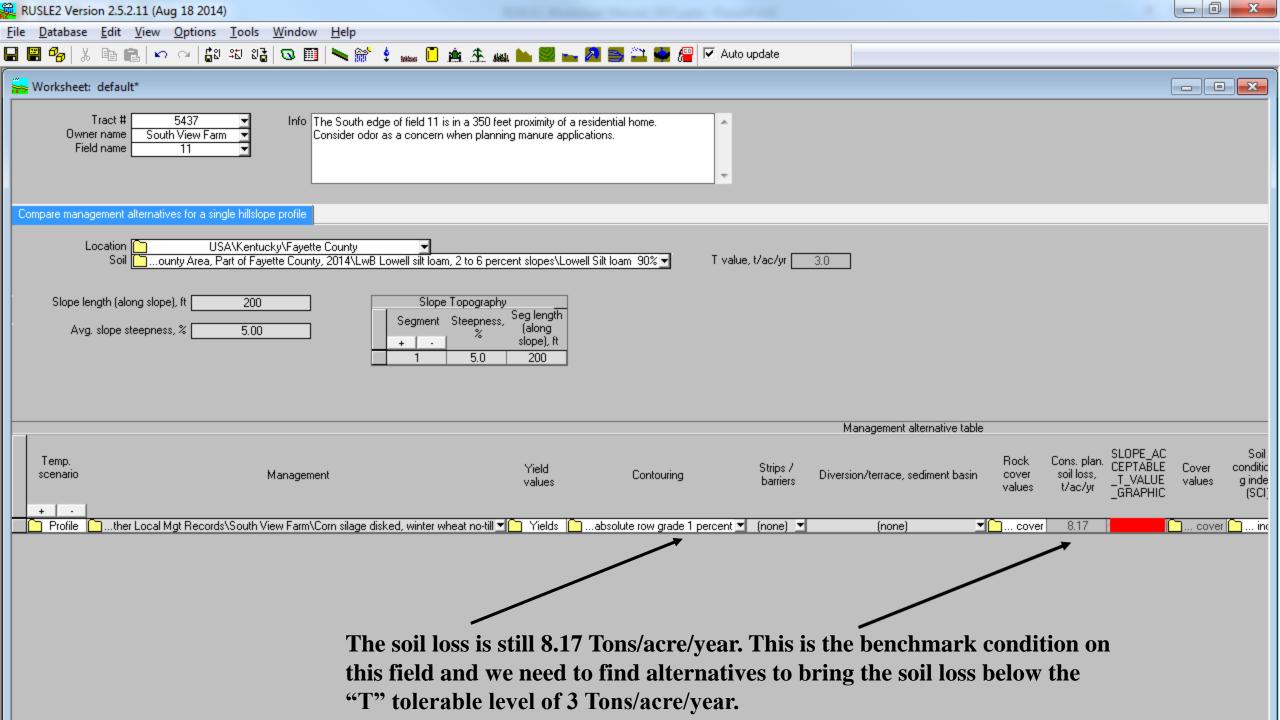
Texture of the Soil Surface	0 - 3%	3 – 8%	8 - 15%	15 - 25%	
Sandy loam, gravelly/channery sandy loam soils	200 - 250'	150 - 200'	100 - 150'	75 - 100'	
Loam, silt loam, gravelly/channery silt loam	250 - 300'	200 - 250'	150 - 200'	100 - 150'	
Silty clay loam, clay loam soils	275 - 300	250 - 275'	200 - 250'	100 – 150'	

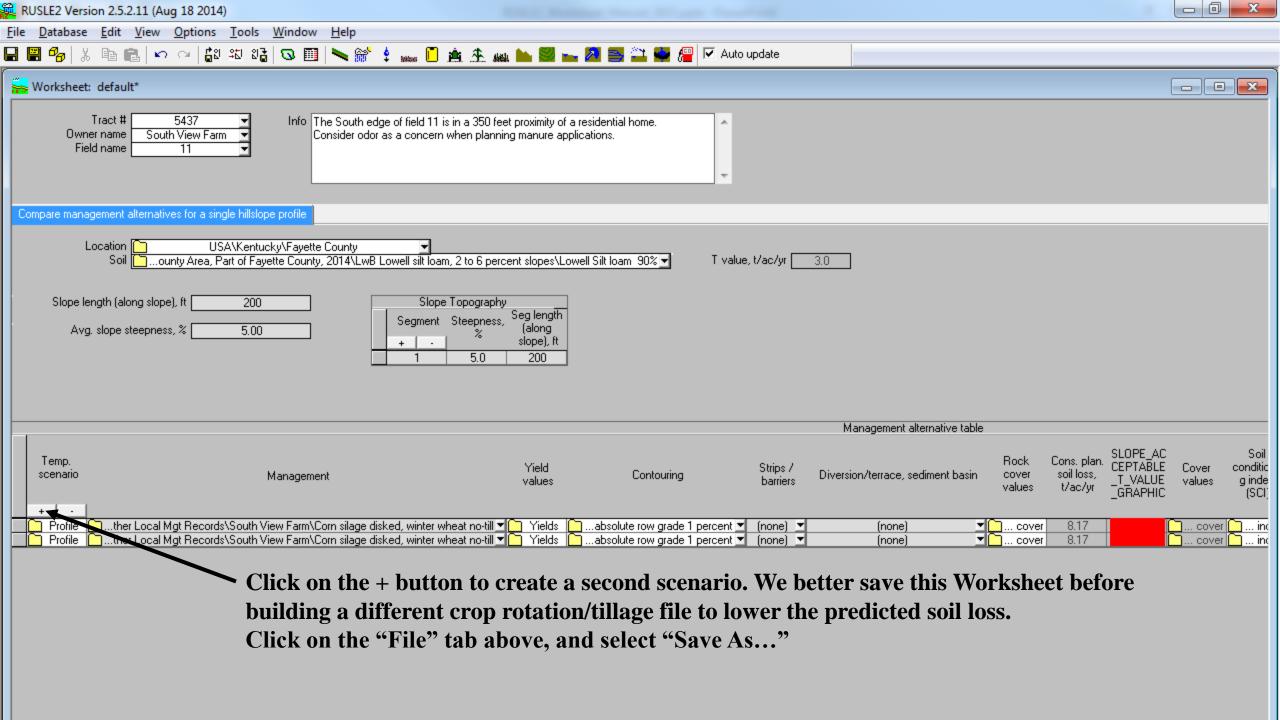


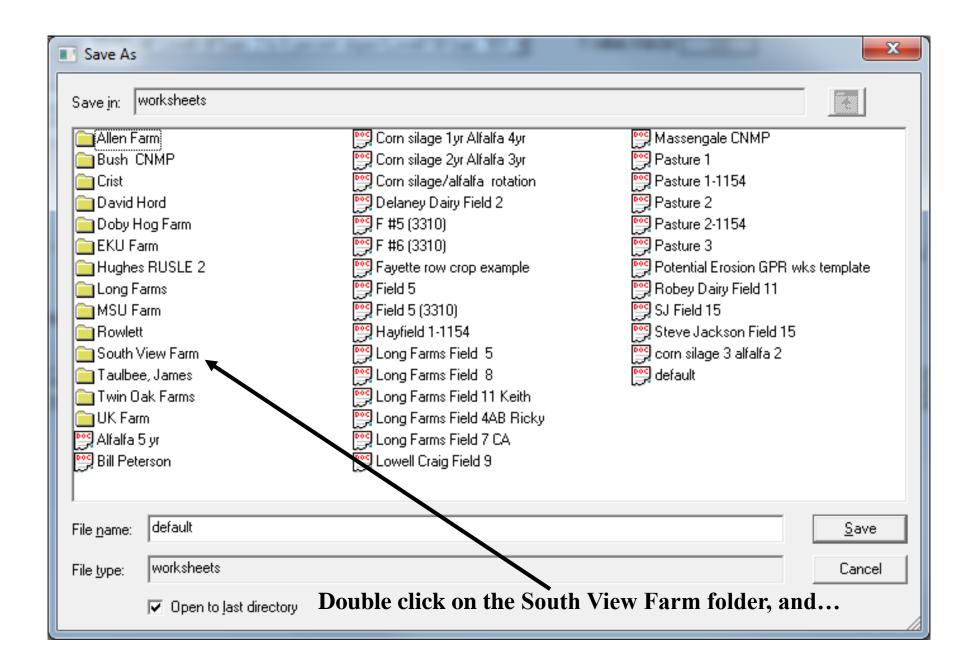


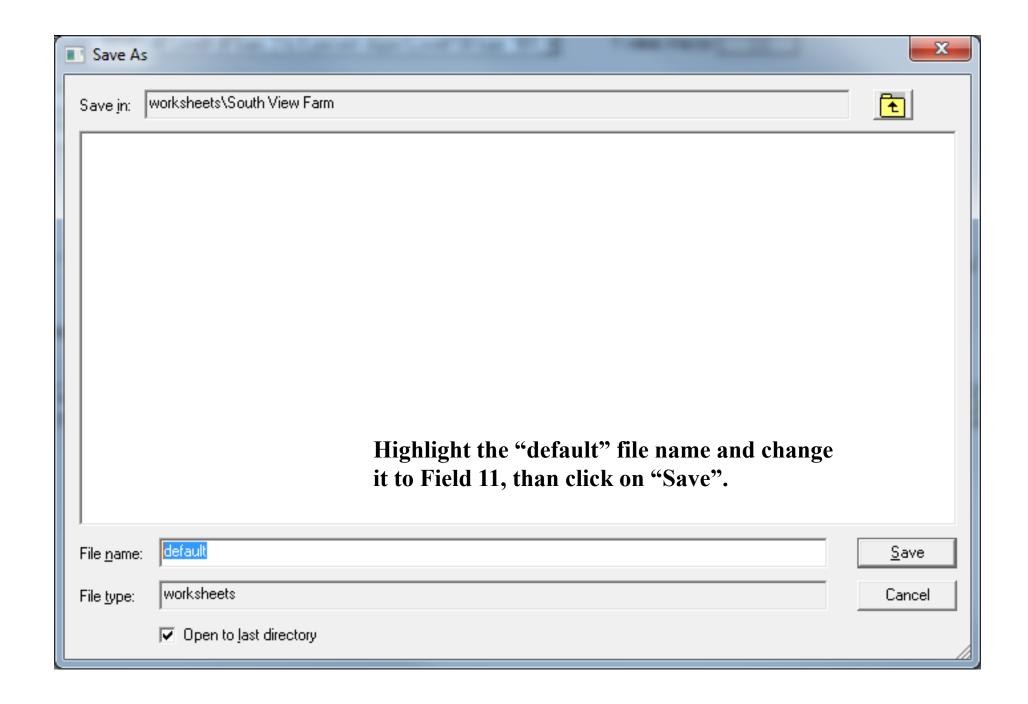


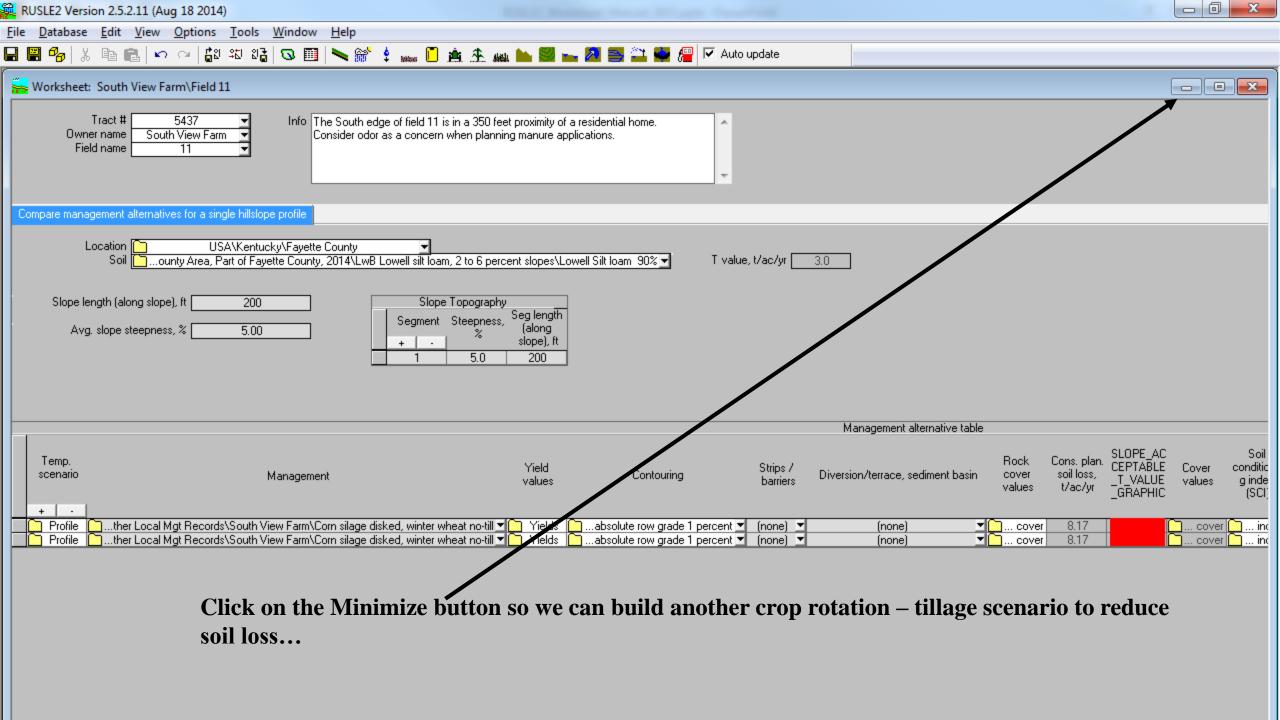


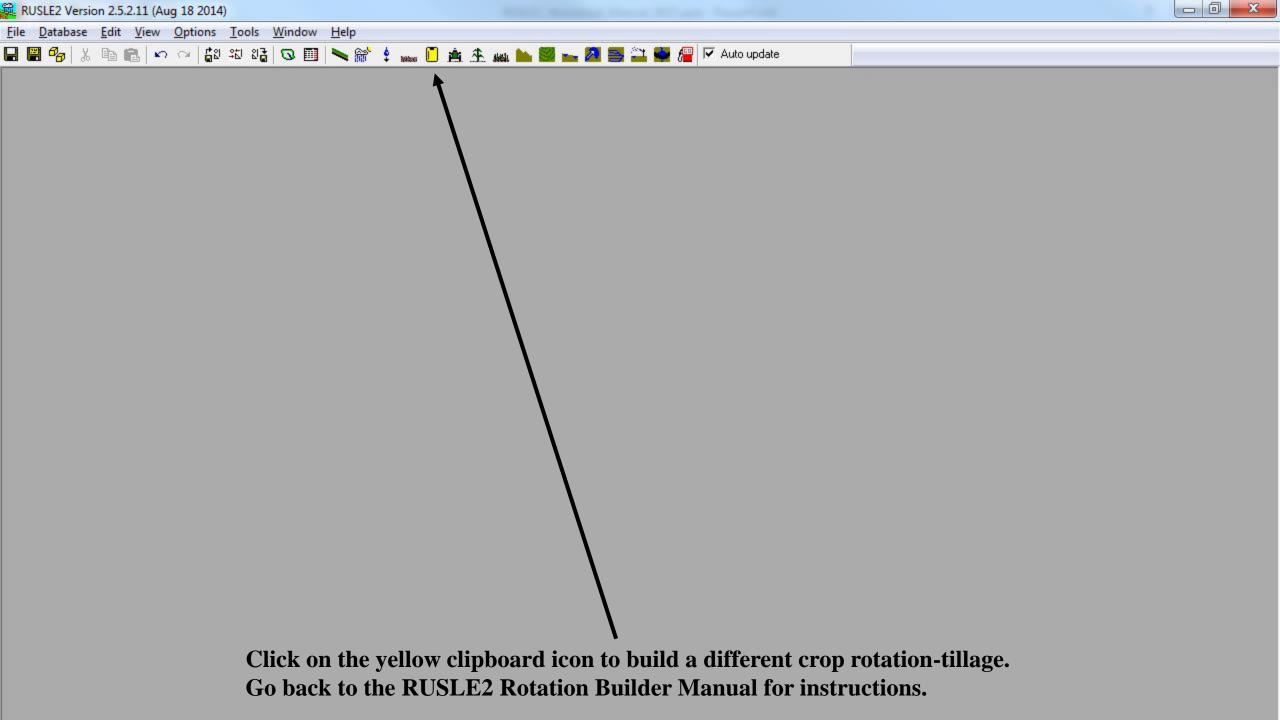


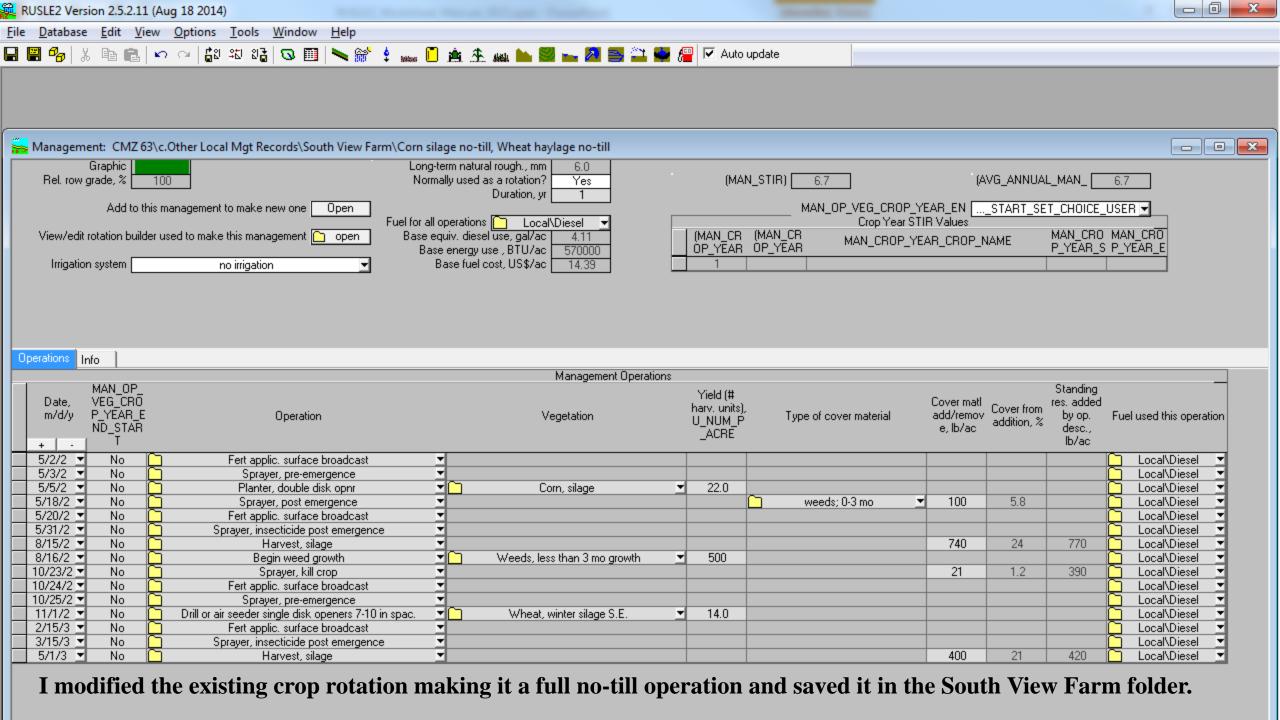


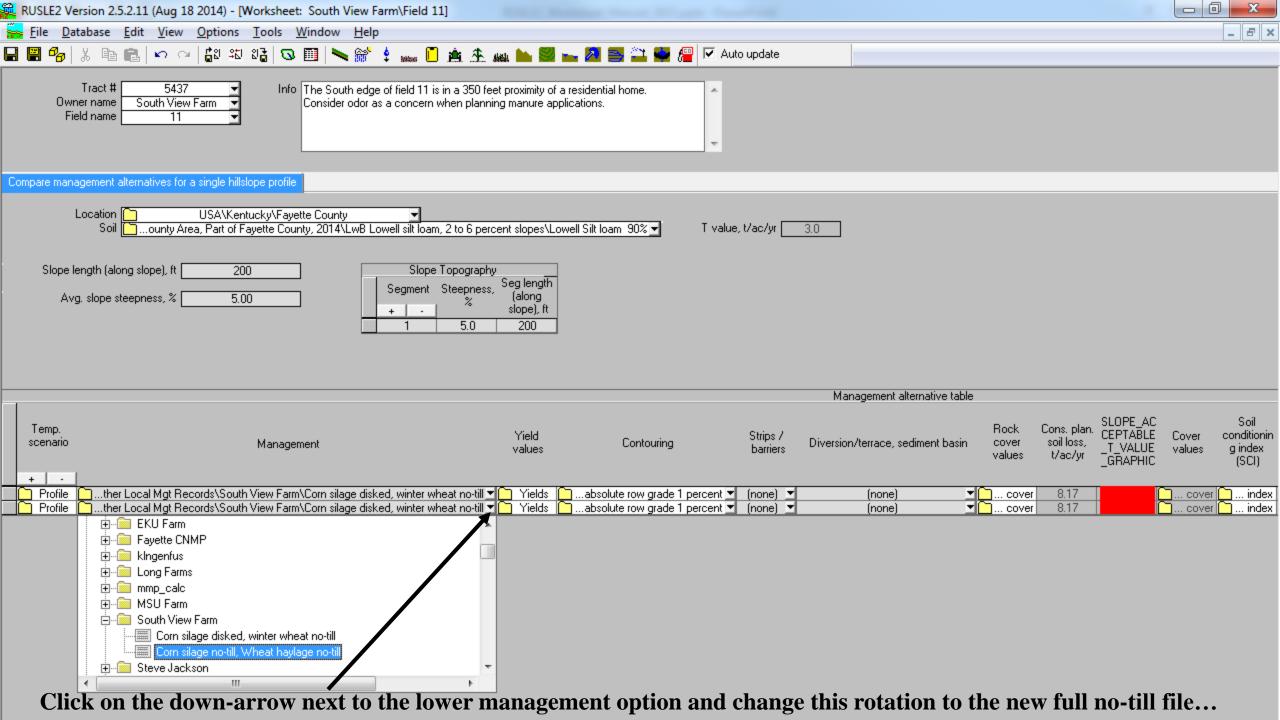


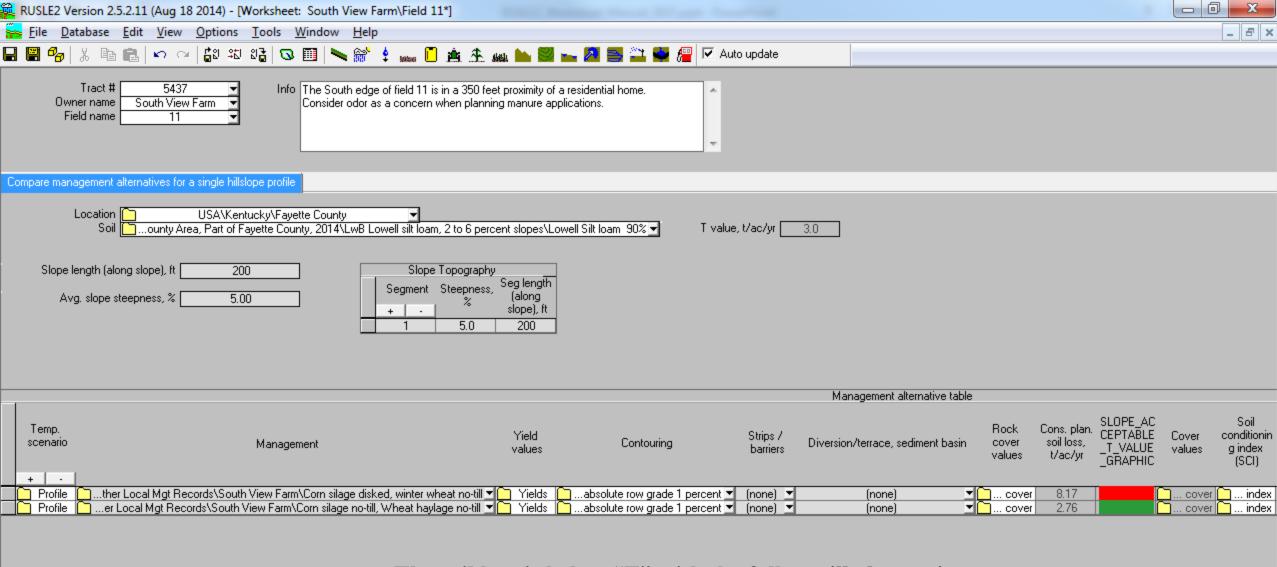




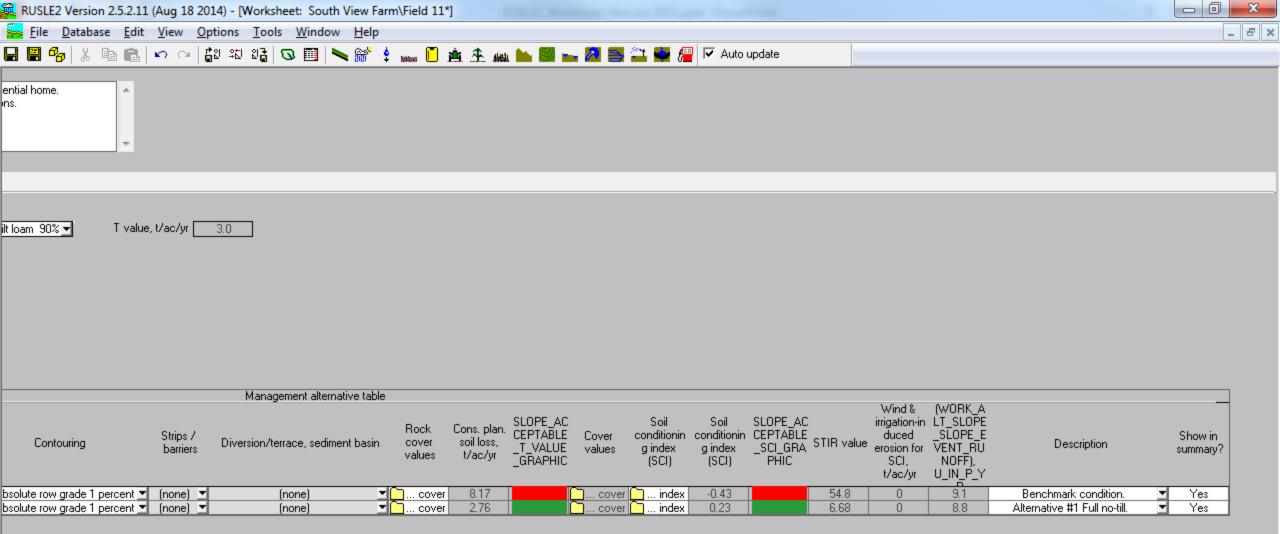






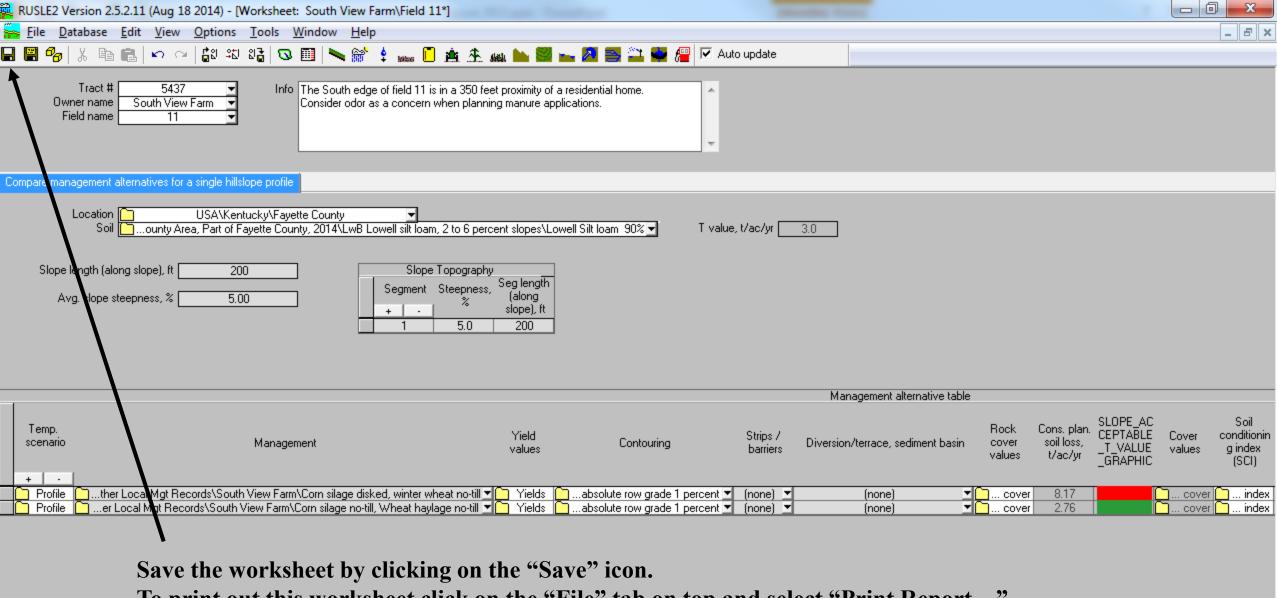


The soil loss is below "T" with the full no-till alternative.

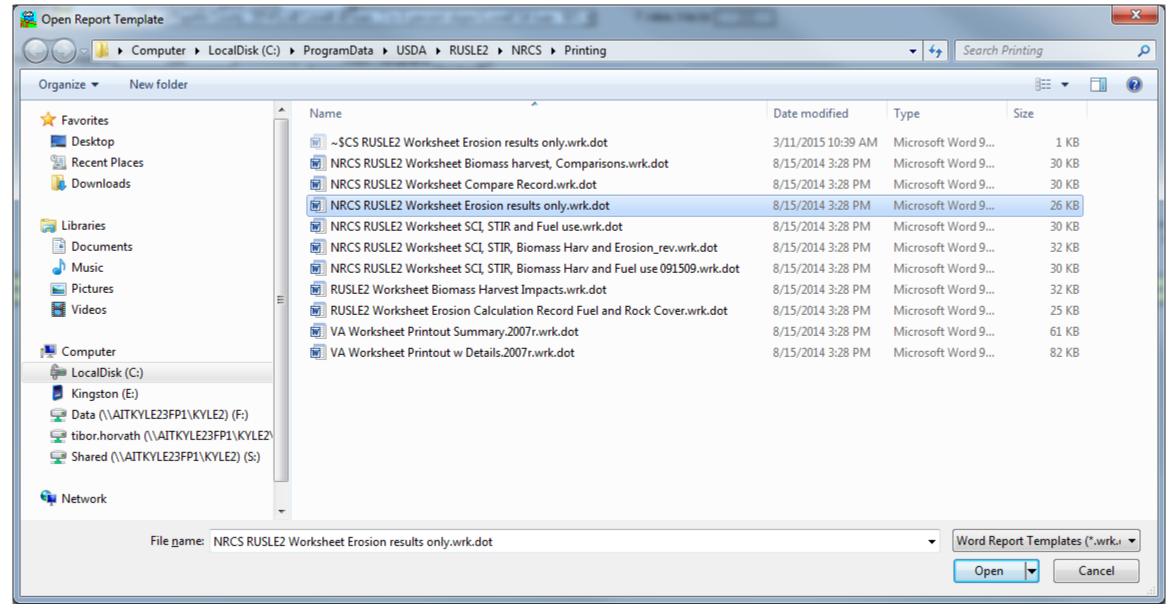


Scroll to the far right to see the "Description" window. Type in the benchmark condition for the top row and the Alternative #1 Full no-till for the lower row.

You can create several different alternatives to guide the decision maker for the best solution for his/her operation. Don't forget: we are not the decision makers! The landowner/operator is!



To print out this worksheet click on the "File" tab on top and select "Print Report..."



There are many printing templates available. For our worksheet I recommend the NRCS RUSLE2 Worksheet Erosion results only.wrk.dot template...



RUSLE2 Worksheet Erosion Calculation Record

Info: The South edge of field 11 is in a 350 feet proximity of a residential home. Consider odor as a concern when planning manure applications.

South View Farm, Field 11 USA\Kentucky\Fayette County	Owner name	Location	
	South View Farm, Field 11	, ,	

Location	Soil		Slope length (boriz)	Avg. slope steepness, %
USA\Kentucky\Fayette County	Fayette County Area, Part of Fayette County, 2014\LwB Lowell silt loam, 2 to 6 percent slopes\Lowell Silt loam 90%	3.0	200	5.00

Outputs:

Outputs.								
Management	Description	Contouring	Strips / barriers	Diversion/terrace, sediment basin	Soil loss erod portion, t/ac/yr	Soil detachment, t/ac/yr	Cons. plan. soil loss, t/ac/yr	Sed. delivery, t/ac/ <u>yr</u>
CMZ 63\c Other Local Mgt Records\South View Farm\Corn silage disked, winter wheat no-till	Benchmark condition.	b. absolute row grade 1 percent	(none)	(none)	8.17	8.17	8.17	8.17
CMZ 63\c Other Local Mgt Records\South View Farm\Corn silage no-till, Wheat haylage no-till	Alternative #1 Full no- till.	b. absolute row grade 1 percent	(none)	(none)	2.76	2.76	2.76	2.76

You can save this file or print it for the CNMP hard copy.

This would conclude the RUSLE2 Worksheet Manual.



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859-224-7413 or <u>Tibor.Horvath@ky.usda.gov</u>

I give you Soil Health!

